

PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY

ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: Original

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Dispersion Measurement In Optical Networks

SPECIFICATION IDENTIFICATION

the specification of which:

- ☒ is attached hereto.
- ☐ was filed on _____ and assigned Serial No. _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. § 1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application No.	Date of Filing dd/mm/yyyy	Priority Claimed Under 37 USC 119
---------	-----------------	------------------------------	--------------------------------------

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
------------------------	-------------	---------------------------------------

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(List name(s) and registration number(s))*

Oliver W. Hayes, Registration No. 15,867	Dale F. Regelman, Registration No. 45,625
William O. Hennessey, Registration No. 32,032	Peter W. Murphy, Registration No. 43,822
Steven J. Grossman, Registration No. 35,001	Donald J. Perreault, Registration No. 40,126
Norman P. Soloway, Registration No. 24,315	Kevin M. Drucker, Registration No. 47,537
Susan H. Hage, Registration No. 29,646	Jeffrey T. Placker, Registration No. 47,862
Edmund P. Pfleger, Registration No. 41,252	Scott R. Faber, Registration No. 48,380

- ☐ Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Hayes, Soloway, Hennessey, Grossman & Hage P.C.
130 W. Cushing Street
Tucson, Arizona
U.S.A. 85701

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Norman P. Soloway
(520) 882-7623

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the firm of Hayes, Soloway, Hennessey, Grossman & Hage P.C. to correct errors in this Combined Declaration and Power of Attorney or to insert any further identification or other information necessary or desirable to make this document suitable for the United States Patent and Trademark Office.

SIGNATURE (s)

Full name of first inventor: **Mark Stephen WIGHT**

Country of Citizenship: **Canada**

Residence Address: **31 Fulton Ave., Ottawa, Ontario, Canada K1S 4Y5**

Post Office Address: **Same as Residence Address**

Date: **X Jan 22/02**

Signature: **X** 

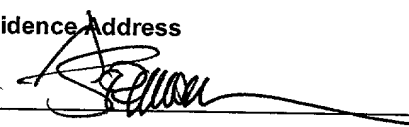
Full name of second inventor: **Andreas Franz Ludwig SIZMANN**

Country of Citizenship: **Germany**

Residence Address: **16 Gordon St., Ottawa, Ontario, Canada K1S 4C8**

Post Office Address: **Same as Residence Address**

Date: **X Jan 22/02**

Signature: **X** 

Full name of third inventor: **Mei DU**

Country of Citizenship: **United States**

Residence Address: **2299 Stocker Lane, Scotch Plains, New Jersey 07076 U.S.A**

Post Office Address: **Same as Residence Address**

Date:

Signature:

SEE ATTACHED DECLARATION

Full name of fourth inventor: **Alan Glen SOLHEIM**

Country of Citizenship: **Canada**

Residence Address: **15 Havenwood Trail, Stittsville, Ontario, Canada K2S 1C9**

Post Office Address: **Same as Residence Address**

Date: **X Jan 22/02**

Signature: **X** 

PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY

ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: Original

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Dispersion Measurement In Optical Networks

SPECIFICATION IDENTIFICATION

the specification of which:

- ☒ is attached hereto.
- ☐ was filed on _____ and assigned Serial No. _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. § 1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application No.	Date of Filing dd/mm/yyyy	Priority Claimed Under 37 USC 119
---------	-----------------	------------------------------	--------------------------------------

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
------------------------	-------------	---------------------------------------

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*List name(s) and registration number(s)*)

Oliver W. Hayes, Registration No. 15,867	Dale F. Regelman, Registration No. 45,625
William O. Hennessey, Registration No. 32,032	Peter W. Murphy, Registration No. 43,822
Steven J. Grossman, Registration No. 35,001	Donald J. Perreault, Registration No. 40,126
Norman P. Soloway, Registration No. 24,315	Kevin M. Drucker, Registration No. 47,537
Susan H. Hage, Registration No. 29,646	Jeffrey T. Placker, Registration No. 47,862
Edmund P. Pfleger, Registration No. 41,252	Scott R. Faber, Registration No. 48,380

- ☐ Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Hayes, Soloway, Hennessey, Grossman & Hage P.C.
130 W. Cushing Street
Tucson, Arizona
U.S.A. 85701

DIRECT TELEPHONE CALLS TO:
(*Name and telephone number*)

Norman P. Soloway
(520) 882-7623

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the firm of Hayes, Soloway, Hennessey, Grossman & Hage P.C. to correct errors in this Combined Declaration and Power of Attorney or to insert any further identification or other information necessary or desirable to make this document suitable for the United States Patent and Trademark Office.

SIGNATURE (s)

Full name of first inventor: **Mark Stephen WIGHT**

Country of Citizenship: **Canada**

Residence Address: **31 Fulton Ave., Ottawa, Ontario, Canada K1S 4Y5**

Post Office Address: **Same as Residence Address**

Date:

Signature:

SEE ATTACHED DECLARATION

Full name of second inventor: **Andreas Franz Ludwig SIZMANN**

Country of Citizenship: **Germany**

Residence Address: **16 Gordon St., Ottawa, Ontario, Canada K1S 4C8**

Post Office Address: **Same as Residence Address**

Date:

Signature:

SEE ATTACHED DECLARATION

Full name of third inventor: **Mei DU**

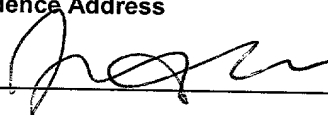
Country of Citizenship: **United States**

Residence Address: **2299 Stocker Lane, Scotch Plains, New Jersey 07076 U.S.A**

Post Office Address: **Same as Residence Address**

Date: **X 1-21-2002**

Signature: X



Full name of fourth inventor: **Alan Glen SOLHEIM**

Country of Citizenship: **Canada**

Residence Address: **15 Havenwood Trail, Stittsville, Ontario, Canada K2S 1C9**

Post Office Address: **Same as Residence Address**

Date:

Signature:

SEE ATTACHED DECLARATION